



LABORATORY ANALYSES

American Energy Corporation
Century Mine
43521 Mayhugh Hill Road Twp. Hwy. 88
Beallsville, OH 43716
Attn: Mr. Fred Blumling

15-Oct-09

By: 
TraDet, Inc.

Company: American Energy Corporation

Sampled By: QES (WD)

Plant: 017 STP

Date & Time Sampled: 10-07-09 0940

Source: Effluent

Date & Time Received: 10-07-09 1115

Analysis Number: 0910194

PARAMETER	CONCENTRATION		DATE & TIME ANALYZED	ANALYST	METHOD		PQL	
Dissolved Oxygen, Field	9.1	mg/L	10-07-09 0940	QES (WD)				
pH, Field	7.86	S.U.	10-07-09 0940	QES (WD)				
Total Suspended Solids	<10	mg/L	10-09-09 1345	MM	2540D	[2]	10	mg/L
Ammonia Nitrogen (as N)	<0.35	mg/L	10-08-09 1430	MM	4500NH ₃ C	[1]	0.35	mg/L
CBOD - 5 day	<5.0 ^J	mg/L	10-08-09 1610	MM	5210B	[2]	5	mg/L
Fecal Coliform (MF)	<10	CFU/100mL	10-07-09 1430	LW	9222D	[1]	10 CFU/100mL	

^J Reported value is an estimate because concentration is less than reporting limit or certain QC criteria were not met.

PQL: Practical Quantitation Limit

[1] Standard Methods, 18th Edition [2] Standard Methods, 20th Edition [3] US EPA [4] ASTM [5] EPA SW846